

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039486.D
 Acq On : 14 Jul 2020 15:53
 Operator : SY/MD
 Sample : L3292-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT94

Quant Time: Jul 15 10:39:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	96142	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42728	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23656	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.93	69	27522	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.58	63	39936	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.66	46	118371	46.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.86%
24) Chloroform-d	5.09	84	54003	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.72	65	36057	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.75	84	105640	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.71	67	36885	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	92102	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.19	79	14536	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.64	63	86493	42.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.82%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32481	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	37868	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

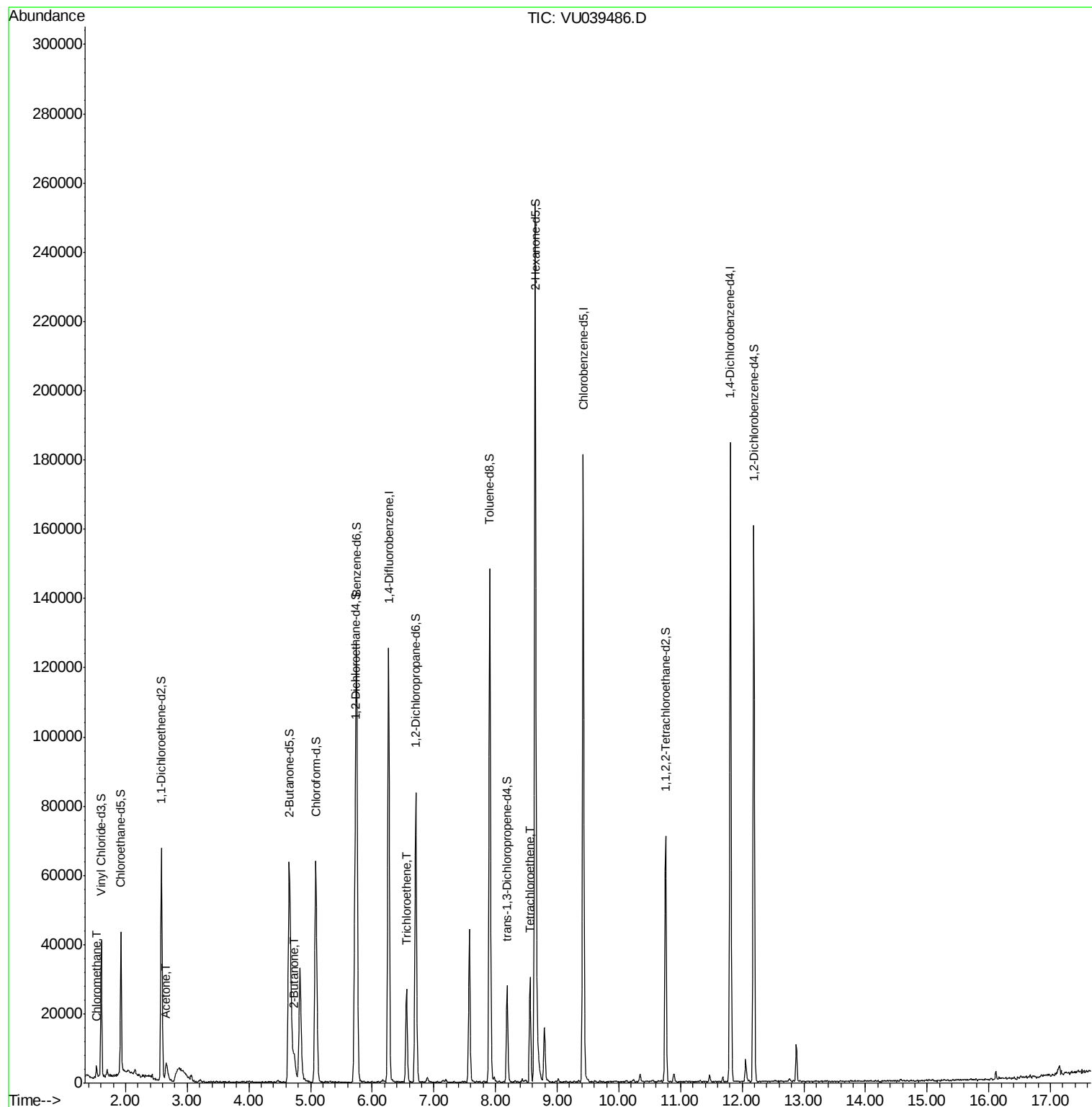
					Ovalue
3) Chloromethane	1.53	50	2220	0.314 ug/L	96
13) Acetone	2.66	43	9675	7.030 ug/L	98
21) 2-Butanone	4.74	43	9398	3.826 ug/L #	69
34) Trichloroethene	6.56	95	8474	1.191 ug/L	95
47) Tetrachloroethene	8.56	164	5569	1.125 ug/L	96

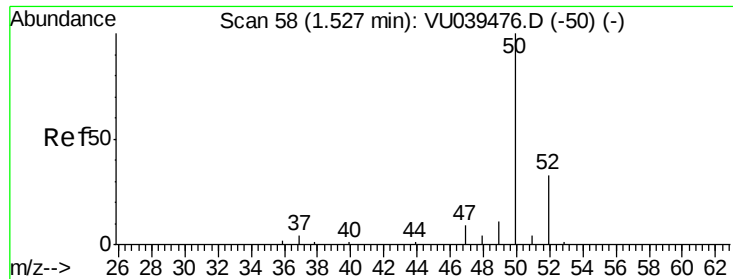
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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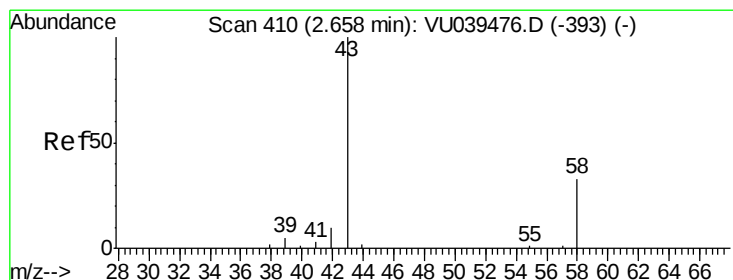
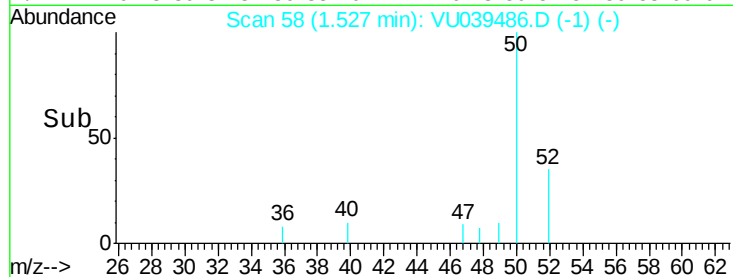
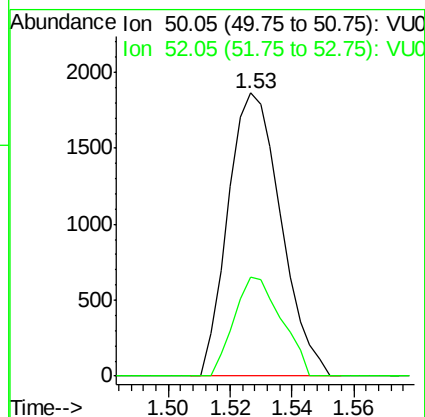
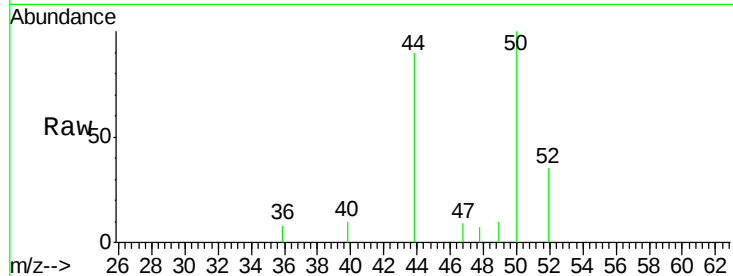




#3
 Chloromethane
 Concen: 0.314 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU039486.D
 Acq: 14 Jul 2020 15:53

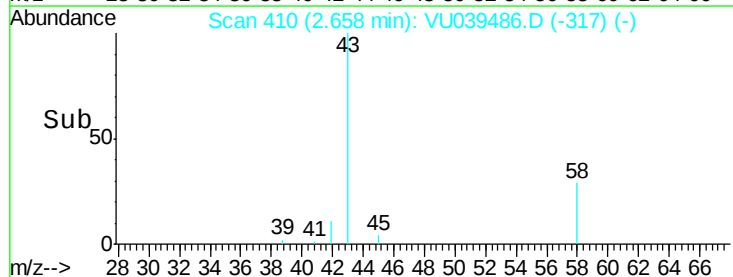
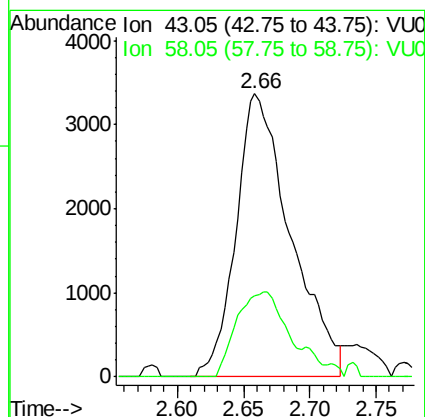
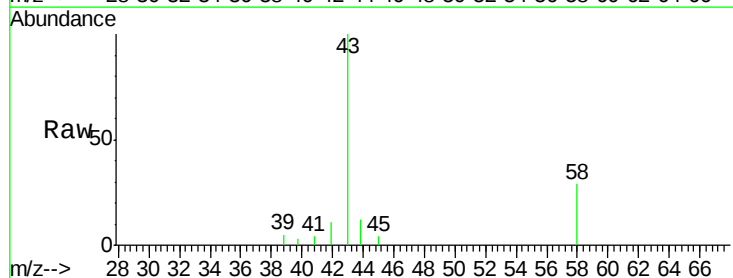
Instrument :
 MSVOA_U
 ClientSampleId :
 BFT94

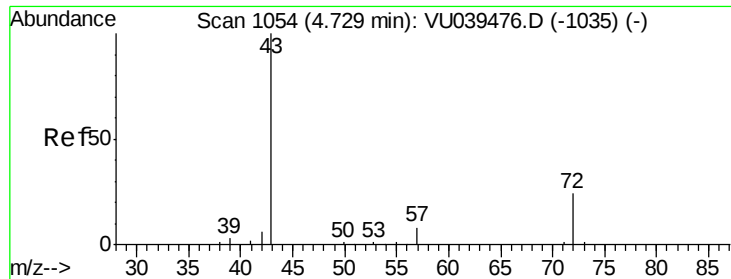
Tot Ion: 50 Resp: 2220
 Ion Ratio Lower Upper
 50 100
 52 34.9 23.0 42.8



#13
 Acetone
 Concen: 7.030 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VU039486.D
 Acq: 14 Jul 2020 15:53

Tgt Ion: 43 Resp: 9675
 Ion Ratio Lower Upper
 43 100
 58 30.2 0.0 62.8





#21

2-Butanone

Concen: 3.826 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VU039486.D

Acq: 14 Jul 2020 15:53

Instrument :

MSVOA_U

ClientSampled :

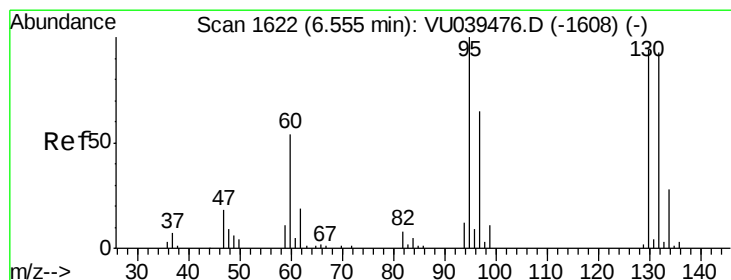
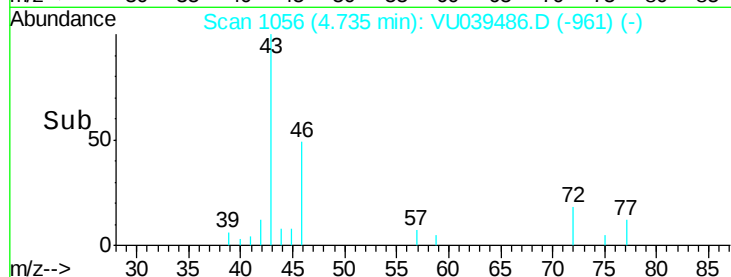
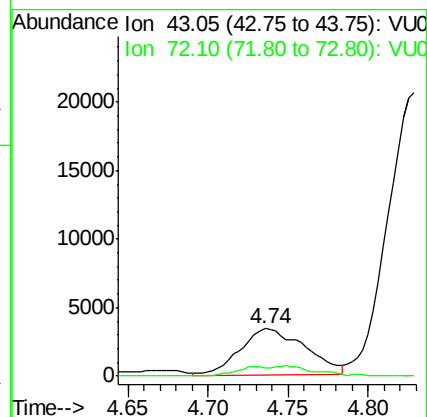
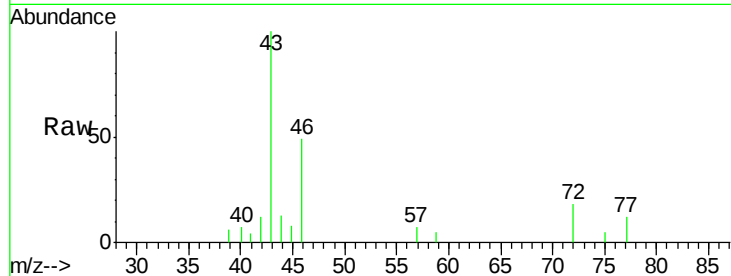
BFT94

Tot Ion: 43 Resp: 9398

Ion Ratio Lower Upper

43 100

72 10.3 13.2 39.5#



#34

Trichloroethene

Concen: 1.191 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.00 min

Lab File: VU039486.D

Acq: 14 Jul 2020 15:53

Tgt Ion: 95 Resp: 8474

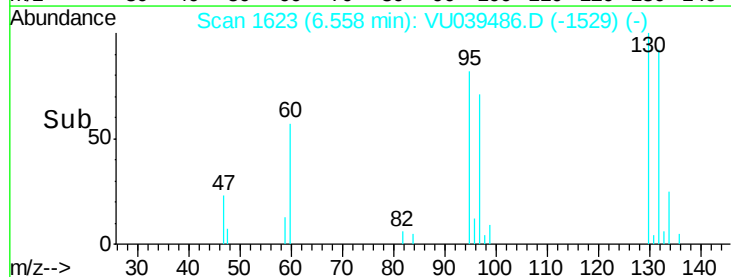
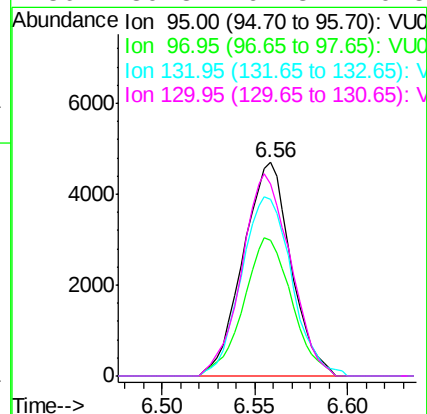
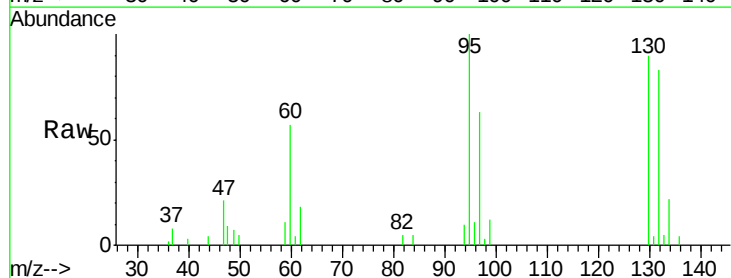
Ion Ratio Lower Upper

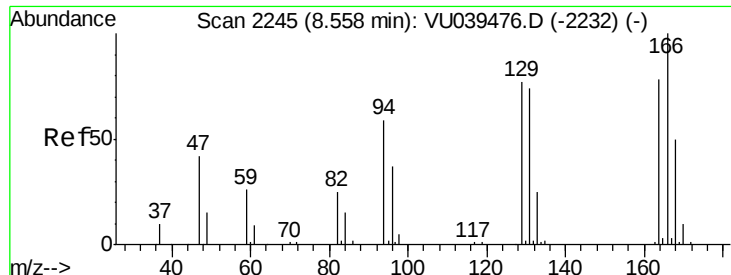
95 100

97 63.4 46.3 85.9

132 82.7 64.0 118.8

130 89.8 64.3 119.5





#47

Tetrachloroethene

Concen: 1.125 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039486.D

Acq: 14 Jul 2020 15:53

Instrument :

MSVOA_U

ClientSampleId :

BFT94

Tot Ion:164 Resp: 5569

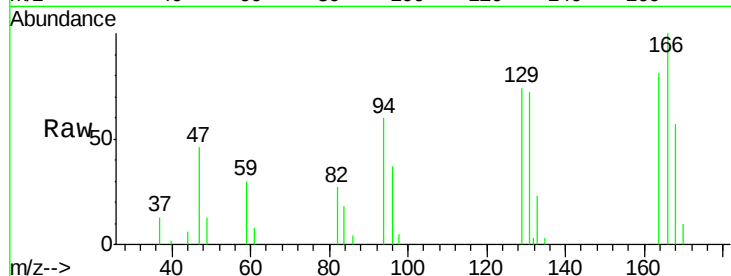
Ion Ratio Lower Upper

164 100

129 91.1 68.6 127.4

131 89.3 66.4 123.4

166 123.6 85.9 159.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

